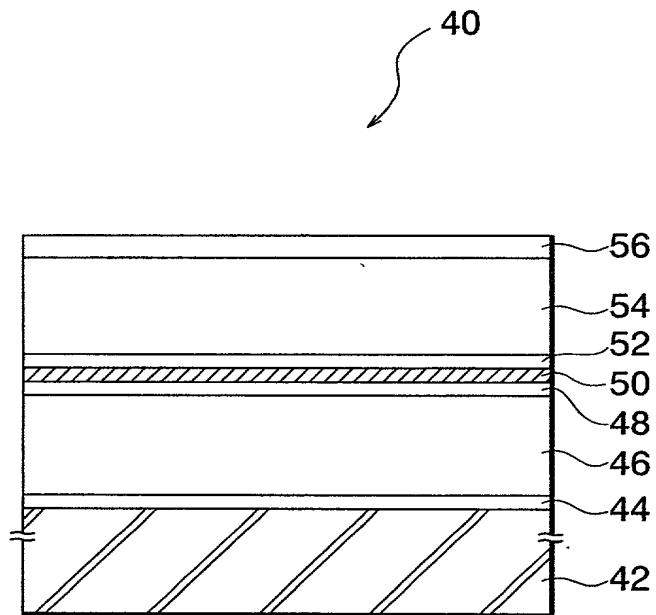
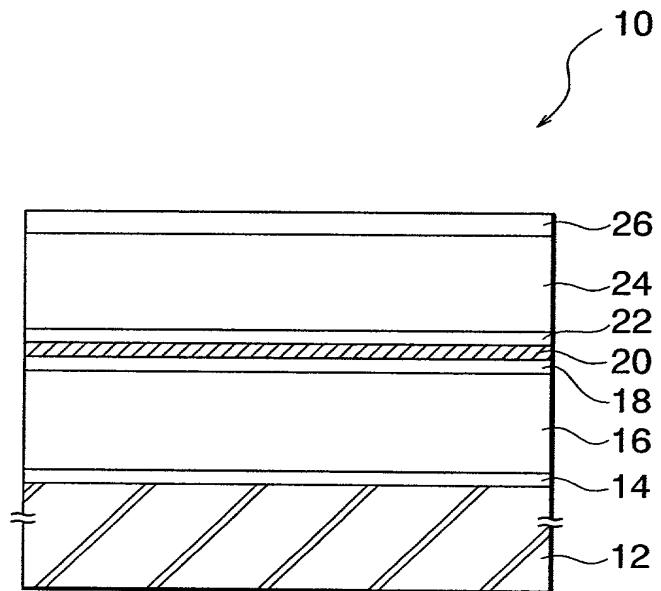


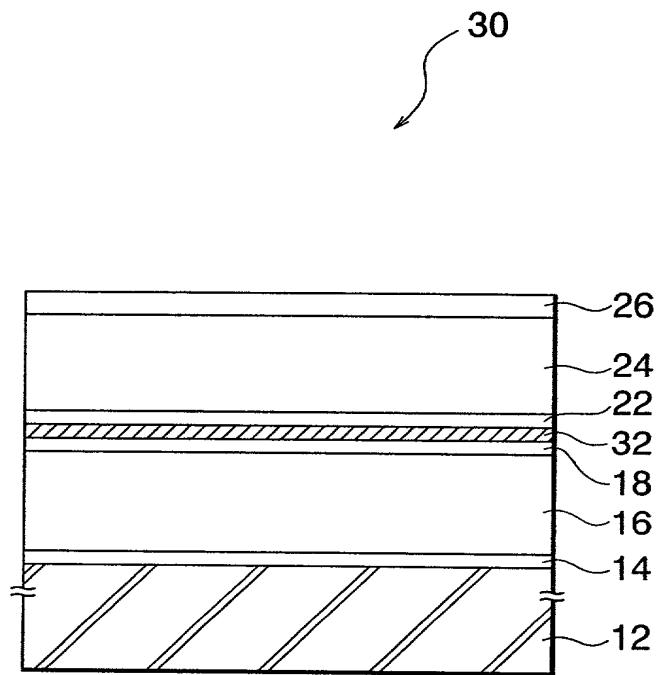
**FIG. 1**  
**PRIOR ART**



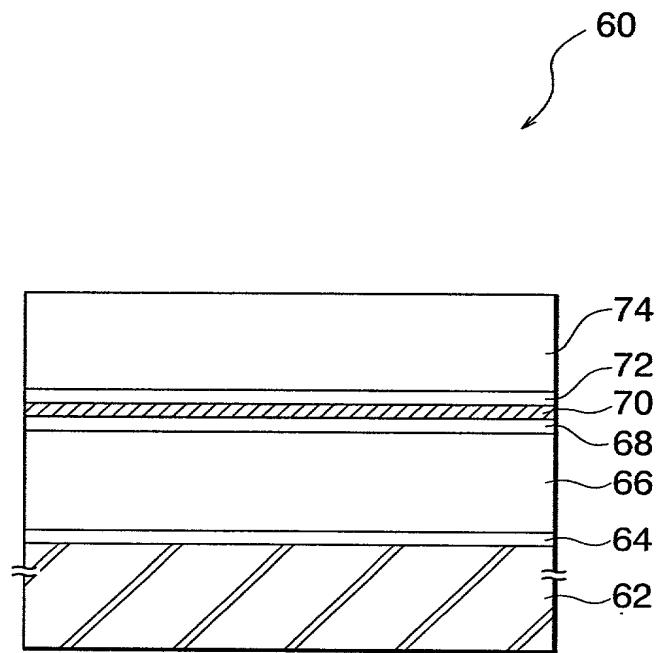
**FIG. 2**



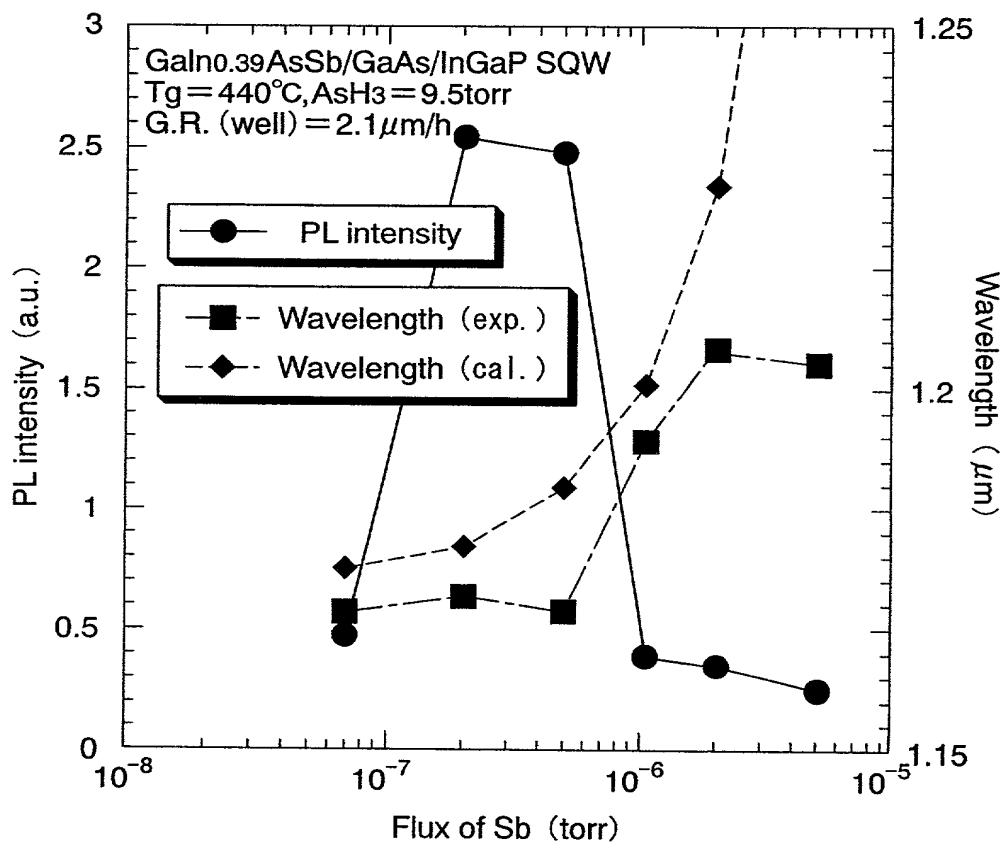
**FIG. 3**



**FIG. 4**



**FIG. 5**



**FIG. 6**

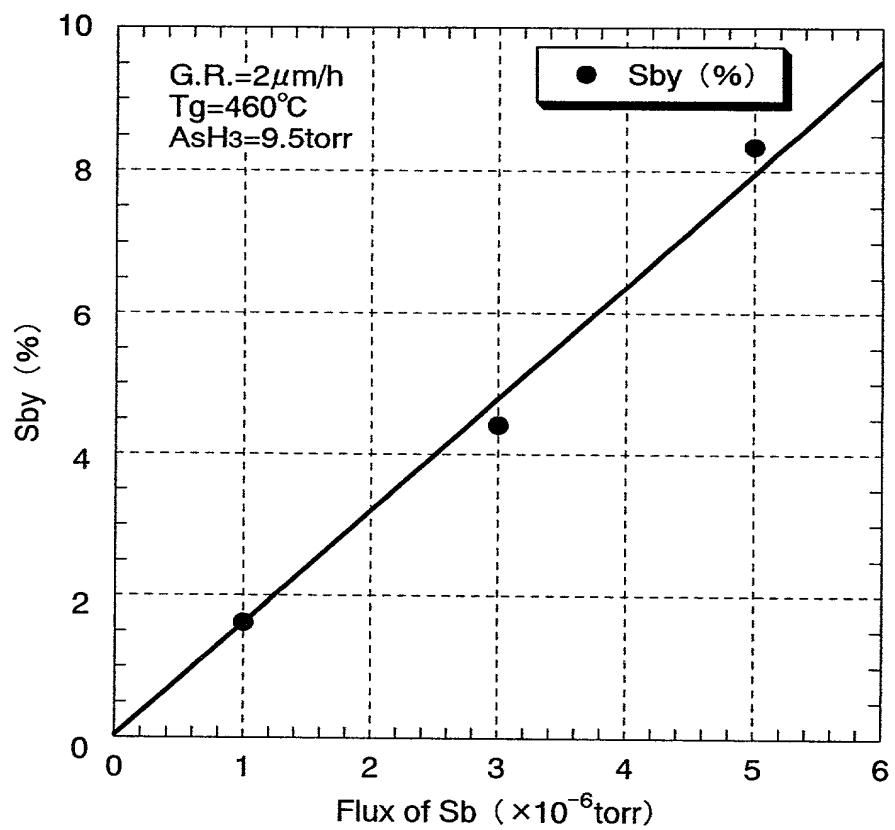
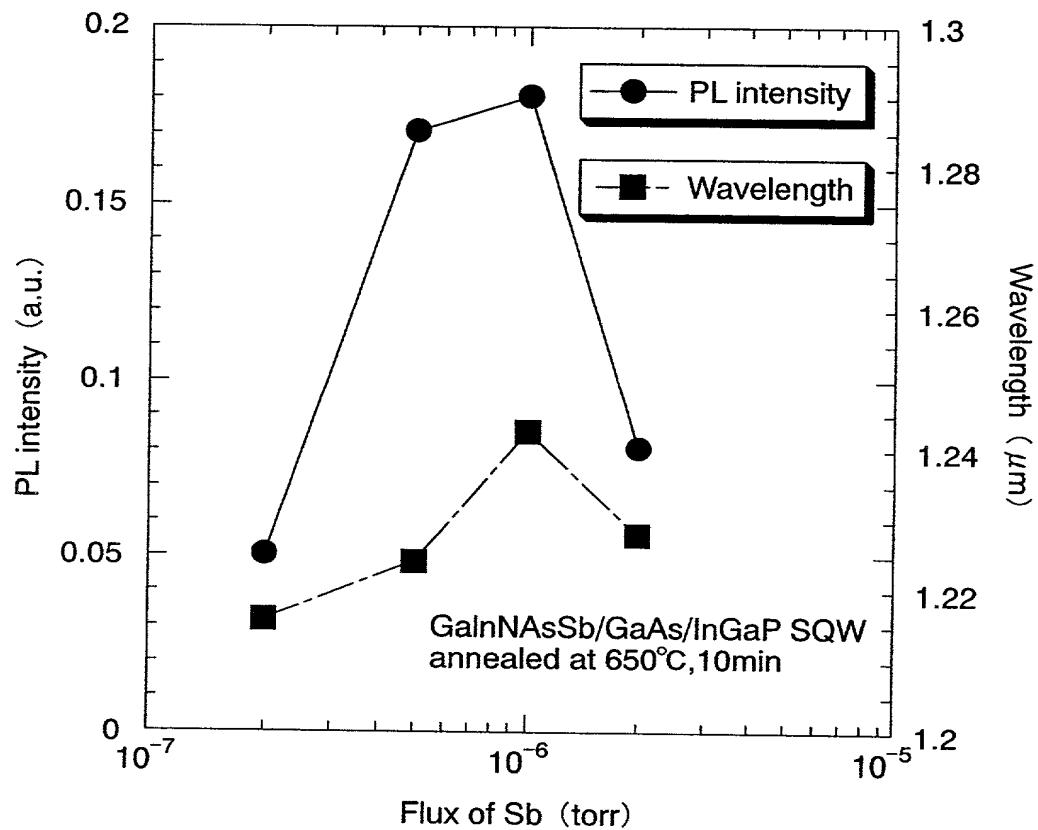
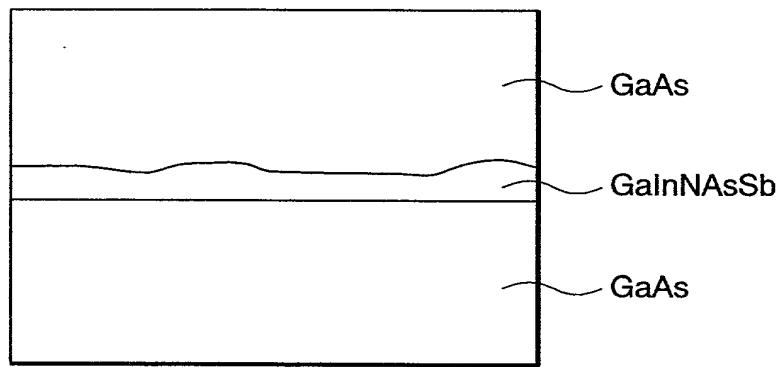


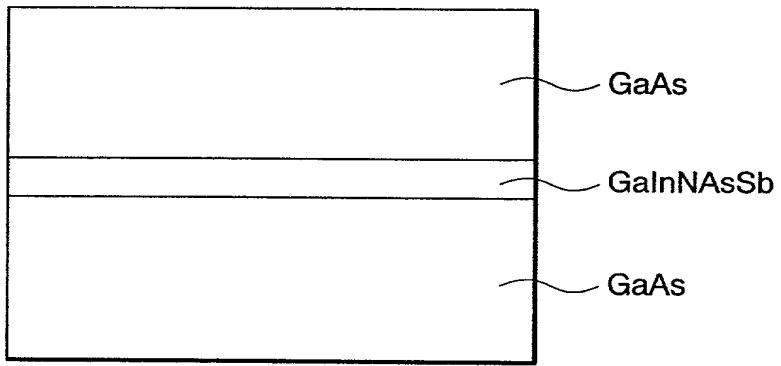
FIG. 7



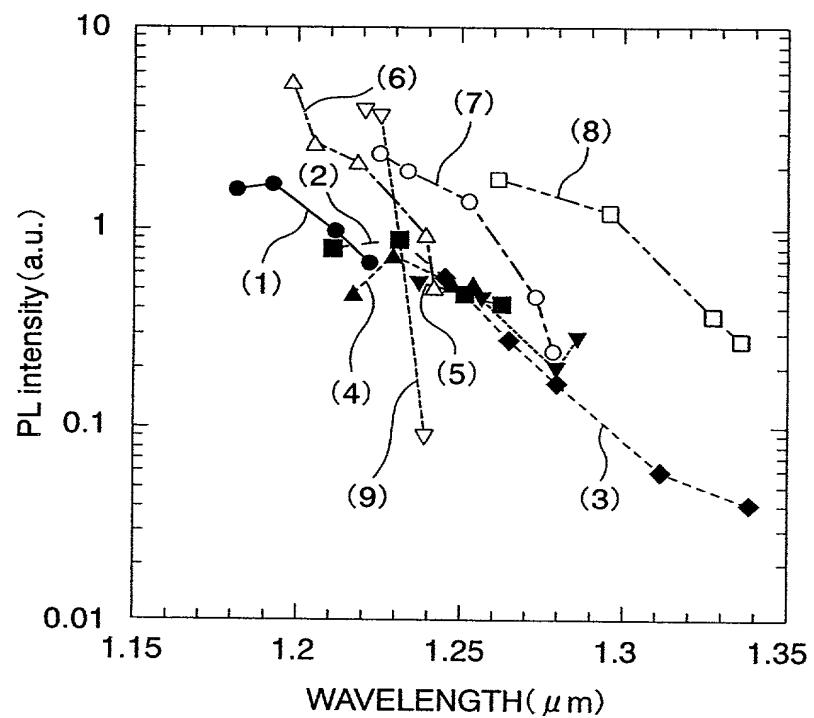
**FIG. 8A**



**FIG. 8B**

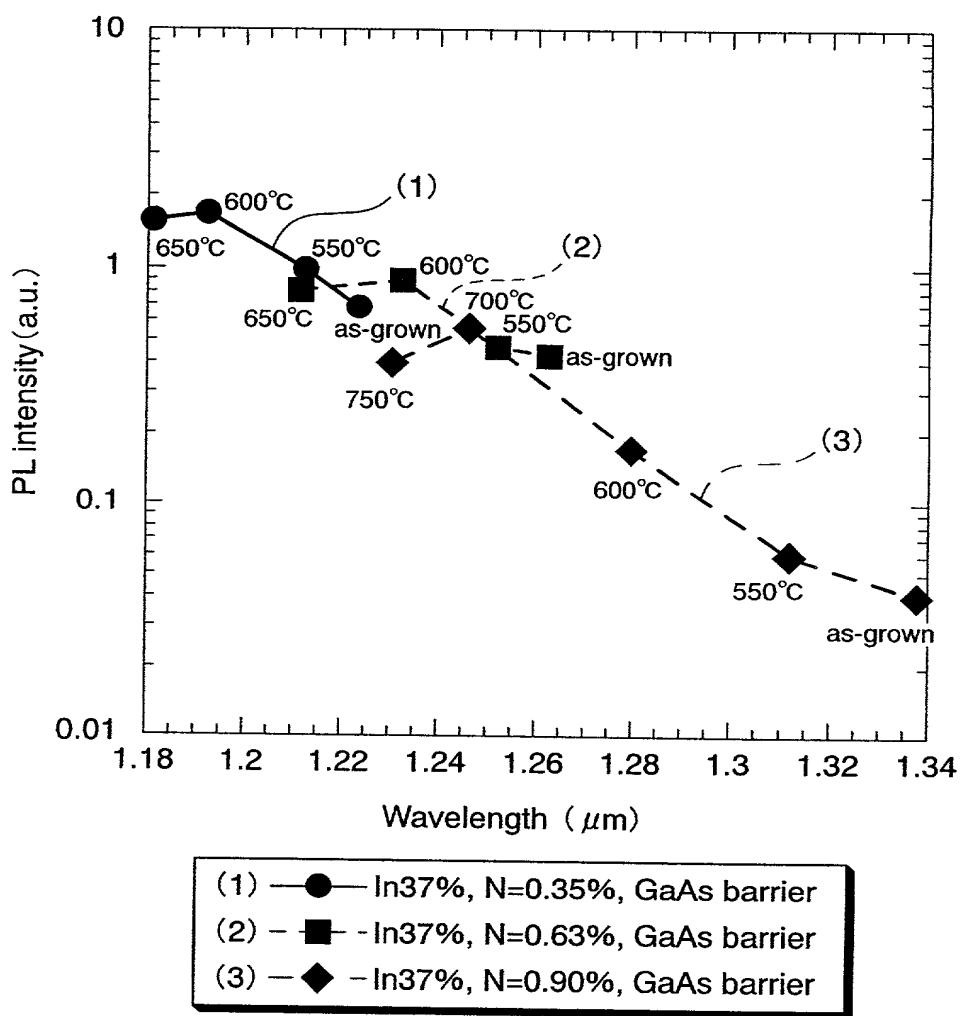


# FIG. 9

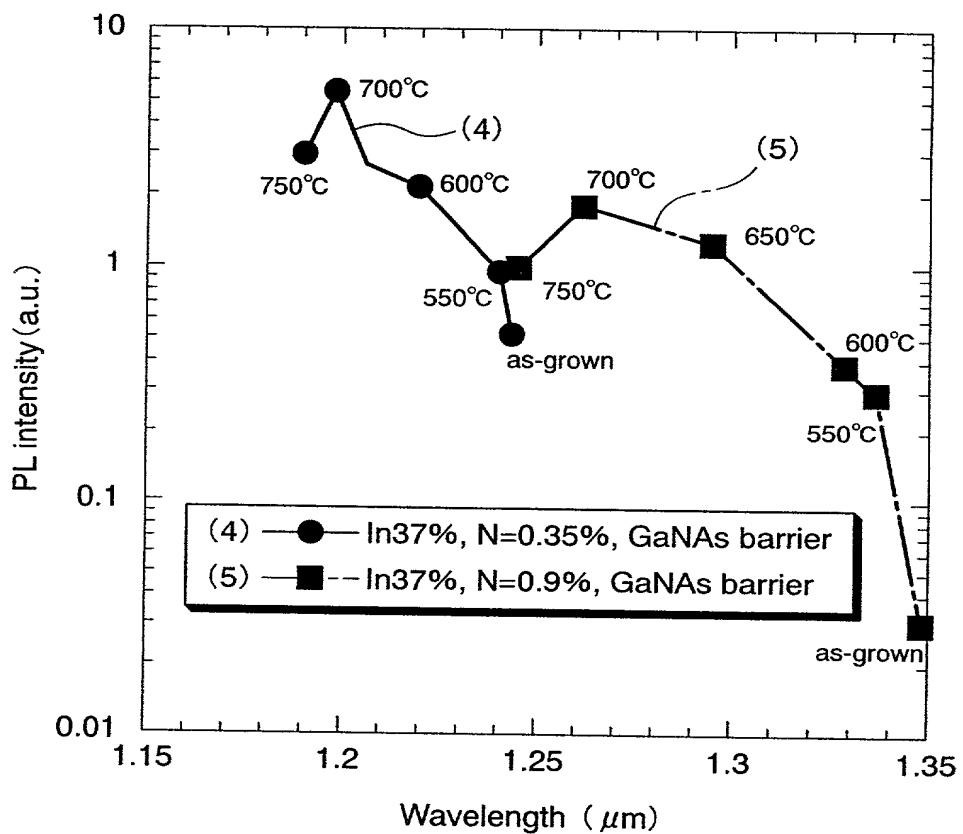


- |     |   |                                |
|-----|---|--------------------------------|
| (1) | ● | In37% N=0.05ccm, GaAs barrier  |
| (2) | ■ | In37% N=0.10ccm, GaAs barrier  |
| (3) | ◆ | In37% N=0.15ccm, GaAs barrier  |
| (4) | ▲ | In39% N=0.05ccm, GaAs barrier  |
| (5) | ▼ | In39% N=0.10ccm, GaAs barrier  |
| (6) | △ | In37% N=0.05ccm, GaNAs barrier |
| (7) | ○ | In37% N=0.10ccm, GaNAs barrier |
| (8) | □ | In37% N=0.15ccm, GaNAs barrier |
| (9) | ▽ | In39% N=0.05ccm, GaNAs barrier |

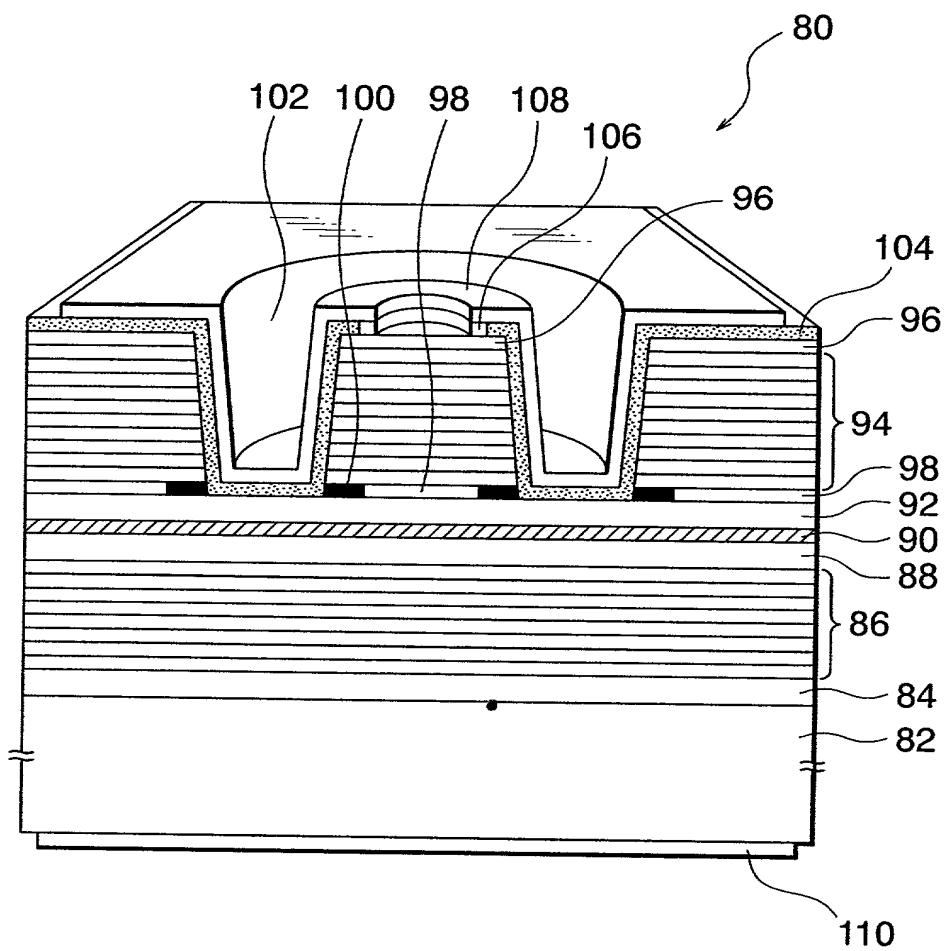
**FIG. 10**



**FIG. 11**



**FIG. 12**



# FIG. 13

